

Abstract

An universal connector structure mainly comprises an initiative piece, a stopping piece and an elastic limitation piece with purposes of being a spring or elastic element, the initiative piece having a concave hole, four concave
5 bodies and four convex bodies are evenly disposed on the concave hole, the stopping piece having an inserting hole for inserting a ball body, four protruded pieces are disposed just under the middle line of the ball body, the protruded pieces are inserted into the convex bodies on the concave hole of the initiative piece, the elastic limitation piece is placed on a concave groove
10 of the concave hole of the initiative piece, accordingly, different angle degrees can be adjusted, a wider range of angle degrees can be achieved, torque is maximized, and production cost is reduced, the structure is more stable to withstand optimum torque.